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BSIT-2B  
OE#5 \_ OOP  
**-recorded-**

## **Game Title: Minecraft**

### **Object 1: Steve / Alex**

#### **\* Attributes : (5)**

- name
- health bar
- hunger bar
- oxygen bar
- armor bar

#### **\* Method: (12)**

- destroy block
- eat
- attack mobs
- take effect from potions
- breed mobs
- make commands
- craft
- sleep
- redstone contraption
- drink
- make a farm
- has a list craft recipe

### **Object 2: Wood/Wood planks**

#### **\* Attributes : (5)**

- nature block
- resources
- name
- craftable
- first basic object

#### **\* Method: (3)**

- stick
- functional doors
- useable tools & weapon

### **Object 3: Pickaxe**

#### **\* Attributes : (2)**

- name
- craft by woods, stone, and ores

#### **\* Method: (3)**

- can mine stone
- ore blocks
- can attack mobs

#### **Object 4: Stone**

##### **\* Attributes : (3)**

- name
- can be mine in cave
- craftable

##### **\* Method: (3)**

- make tools
- make furniture
- can be craft by any objects / items

#### **Object 5: Axe**

##### **\* Attributes : (4)**

- name
- tools
- weapon
- craftable

##### **\* Method: (2)**

- can mine woods
- can attack a mob

#### **Object 6: Sword**

##### **\* Attributes : (3)**

- name
- weapon
- craftable

##### **\* Method: (2)**

- can attack mobs - can mine leaves or any block

#### **Object 7: Shovel**

##### **\* Attributes : (3)**

- name - craftable
- tools

##### **\* Method: (2)**

- can destroy nature blocks - terraform a dirt block

#### **Object 8: Cow**

##### **\* Attributes : (3)**

- name - passive/friendly mob - can be food source

**\* Method: (3)**

- can be cooked - make book
- can craft an armor

**Object 9: Sheep**

**\* Attributes : (3)**

- name - food/wool source
- passive mobs

**\* Method: (4)**

- can craft a bed -painting
- banner -can dye of any color

**Object 10: Furnace**

**\* Attributes : (3)**

- name - craftable
- furniture

**\* Method: (1)**

- can smelt blocks, items

**Object 11: Iron Ore**

**\* Attributes : (2)**

- name - craftable

**\* Method: (2)**

- make shields - make bucket

**Object 12: Armor**

**\* Attributes : (2)**

- name - craftable

**\* Method: (1)**

- can take hits/dmg from mobs

**Object 13:Nether Portal**

**\* Attributes : (3)**

- name - dimension
- craftable

**\* Method: (4)**

- new access to a new dimension - new resources
- new mobs - ignited by a flint & steel